

# CAP-USAF AIRCRAFT COMPLIANCE INSPECTION CHECKLIST

Date / Wing: _____/_____/_____	Current Tach Time _____
Registration N # _____	Date/Tach time last Mid Cycle oil change _____/_____/_____
Make / Model / Year _____/_____/_____	Date/Tach time last 100 hr Inspection _____/_____/_____
Name of Inspector(s) _____	Date/Tach time last Annual Inspection _____/_____/_____

  

1. Aircraft Records	Y	N	Comments
a. <u>Engine Logbook(s)</u>			
1 Verify oil change history:			
- Check tach time of last two 100 hour inspections; 10% overfly allowed to fly to ferry if next 1 is same % under 100 hours [CAPR 66-1 ¶ 8b]			
- Check tach time of last mid-cycle oil change 40-60 hours w/engine filter, 25 hrs max if no filter, 4 mnths max regardless of time [CAPR 66-1 8a/ 9a.(3)]			
2 Verify engine has not exceeded TBO [CAPR 66-1 ¶ 10a]			
b. <u>Airframe and/or Avionics Logbook</u>			
1 Check tach time of last two 100 hour inspections [CAPR 66-1 ¶ 8b]			
2 Check tach time & date of last two annual inspections [CAPR 66-1 ¶ 8c]			
- No overfly auth.; may not fly after end of the same cal. mo. of next yr w/o FAA permit			
3 AD Compliance check completed at last 100hr/Annual [CAPR 66-1 ¶ 2b]			
4 Service Bulletins check completed at last 100hr/Annual [CAPR 66-1 ¶ 2b]			
5 Pitot/Static System check due by end of 24th month [CAPR 66-1 ¶ 8e(1)]			
6 Altimeter System check due by end of 24th month [CAPR 66-1 ¶ 8e(1)]			
7 Transponder System check due by end of 24th month [CAPR 66-1 ¶ 8e(2)]			
8 ELT battery expiration date entered in maintenance records [FAR 91.207]			
9 Eng mounts replaced last 5 yrs or at closest overhaul [CAPR 66-1 ¶ 10a]			
10 Fluid Hoses (except 172R & S) replaced last 5 years [CAPR 66-1 ¶ 10a]			
11 Determine date and value of aircraft's last weight & bal. [FARs]			
12 Verify corrosion control treatment has been completed [CAPR 66-1 ¶ 9b] (Perform annually in coastal areas; biennially in other areas)			
c. VOR operational check (within 30 days if A/C to fly IFR) [CAPR 66-1 ¶ 8e(3)]			
d. <u>Propeller Log</u> (req'd for constant speed propeller only)			
Verify prop. TBO & prop. governor TBO not exceeded [CAPR 66-1 ¶ 10b]			
e. FAA Form 337's and FAA Supplemental Type Certificates (STCs)			
1 FAA Fm 337 and STCs on file (ie: 180 hp engine mod.) [CAPR 66-1 ¶ 2c]			
2 Verify STC airspeeds and procedures match aircrew checklist in A/C			
f. Shipping and Receiving Document for Aircraft (CAPF 37A)			
1 Verify the CAPF 37A has A/C assigned to its current unit [CAPR 67-1 ¶ 3-9]			
2 Verify com/nav list on the CAPF 37A matches the A/C? [CAPR 67-4 ¶ 2-6]			
<b>2. Aircraft Interior</b>			
a. Obvious defects, leaks, corrosion, cleanliness and condition of interior			
b. Required Placards:			
1 "Not for Hire" (4" X 6", white, protected) [CAPR 66-1 ¶ 6a]			
2 "Max Crosswind" placard displayed [CAPR 66-1 ¶ 6b]			
3 "Cessna Seat Slippage Warning" (except C-172R & later) [CAPR 66-1 ¶ 6c]			
4 Operating Limits (all placards required by POH) [FAR 91.9]			
c. Avionics & control lock installed when A/C not in use [CAPR 66-1 ¶ 9d]			
d. Fire Extinguisher - fixed mount, serviceable unit with gauge [CAPR 66-1 ¶ 11b]			
e. CO Detector - 12 or 18 mo. disposable; repl every 12 mos. [CAPR 66-1 ¶ 11g]			
f. Shoulder Harnesses - required for pilot & copilot [CAPR 66-1 ¶ 11a] - new A/C have 90 days to comply by installing sholder harnesses			
g. Cessna seat rails/tracks - inspect for cracks and wear [AD 87-20-03 rev 2] - annotate any elongated holes present in seat rails			
h. Secondary seat stop - on lower right side of pilots seat [CAPR 66-1 ¶ 11c] - except Cessna 172R and later models			
i. Cargo Tie-Down or Net if any cargo is stored in A/C [CAPR 66-1 ¶ 11f]			
j. ELT battery expiration date marked on ELT [FAR 91.207]			

k.	Required documents <u>aboard</u> aircraft; <b>A-R-O-W</b>			
1	Airworthiness Certificate from FAA [FAR 91.203]			
2	Registration from FAA [FAR 91.203]			
3	Operating Handbook [FAR 91.9]			
4	Weight and Balance - current [check vs. item 1b(11) above] [FARs] - if multiple versions exist, then all but most recent marked "superseded"			
l.	Survival Kit - mandatory but contents specified by each wg [CAPR 66-1 ¶ 11h] - check survival kit contents for items that have passed their expiration date			
<b>3. Aircraft Exterior</b>				
a.	Aircraft properly chocked and tied down [CAPR 66-1 ¶ 15] - no chains to hardened anchor points, proper ropes or straps			
b.	Check aircraft for obvious defects, leaks, cleanliness, and condition of paint - check airframe for corrosion, esp. at door openings & wing roots			
c.	Check brakes for leaks, wear and obvious defects [A/C Service Manual]			
d.	Check tires for proper air pressure and serviceability [A/C Service Manual]			
e.	Ensure proper door hinge pins are installed [CAPR 66-1 ¶ 11e] - both ends bradded or cotter pin at bottom; no quick release pins w/o waiver			
f.	Pitot tube condition, ensure cover(s) are installed [CAPR 66-1 ¶ 9c]			
g.	Engine cowling for proper fit, security, contour and fasteners [CAPR 66-1 ¶ 9f]			
h.	Propeller condition - evidence of prop strikes, leaks, dents, nicks, corrosion			
i.	External Identification Plate [CAPR 66-1 ¶ 7c] - fireproof w/builder's name, model, & serial number etched, stamped, or engraved on aft exterior - on pre-Mar 7, 1988 models plate may be interior/exterior near entrance, but model & serial number must be on aft fuselage			
j.	CAP Seal - 12" diameter seal on door [LGM Letter, 20 Mar 02]			
k.	"USAF AUX" in 6" letters on vertical stabilizer [LGM Letter, 20 Mar 02]			
l.	CAP and "Prop & Bar" decals on wings [CAPR 66-1 Atch 1]			
<b>4. Exterior and Interior lighting</b>				
a.	Interior Overhead (flood/dome)			
b.	Instruments			
c.	Landing and taxi lights			
d.	Pulse lights			
e.	Navigation/Position - green right, red left, white aft; sunset-sunrise [FAR 91.209]			
f.	Rotating Beacon - working if installed on aircraft [FAR 91.209]			
g.	Anti-Collision Strobe - working if installed on aircraft [FAR 91.209]			

Comments: